

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| S1 | 1 | 10/743165 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/27 10:07 |
| S2 | 17 | (pre\$1charg\$3 evaluat\$3) ((first second) adj2 node) (soft adj error) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/27 10:43 |
| S3 | 0 | ("2005/0138482").URPN. | USPAT | AND | ON | 2008/06/27 15:58 |
| S4 | 5 | ((("6288932") or ("6201418") or ("6369630") or ("5504703") or ("20030122602")),PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/27 17:10 |
| S5 | 19 | ("4910713" "5309047" "5377150" "5491667" "5508644" "5526314" "5546026" "5648935" "5650971").PN. OR ("6201418").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/27 17:32 |
| S6 | 11 | ("4550326" "5311070" "5844428" "6107853" "6163189" "6201418" "6310501" "6366113" "6400199" "6445210" "6573775").PN. OR ("6922083").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/27 17:52 |
| S7 | 54 | ("4253163" "4421996" "4680735" "4751681" "4816706" "4831287" "4845675" "5036460" "5151879" "5231318" "5239506").PN. OR ("5526314").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/27 18:10 |

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|-----|------|--|---|-----|----|---------------------|
| S8 | 59 | ("4740926").PN. OR ("4845675").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/27 18:36 |
| S9 | 102 | pre\$1charg\$3 same (soft\$1error\$1 or (soft adj error)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/30 09:24 |
| S10 | 6 | pre\$1charg\$3 with (latch\$3 or inverter) same (soft \$1error\$1 or (soft adj error)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/30 09:24 |
| S11 | 37 | pre\$1charg\$3 same (soft\$1error\$1 or (soft adj error)) initial\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/30 09:47 |
| S12 | 2284 | (reduc\$4 with (soft\$1error\$1 or (soft adj error))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/03 19:01 |
| S13 | 154 | (reduc\$4 with (soft\$1error\$1 or (soft adj error))) latch with node | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/03 19:01 |

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| S14 | 63 | (reduc\$4 with (soft\$error\$1 or (soft adj error))) (latch with node) (chang\$3 with state) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/03 19:02 |
| S15 | 25 | ("5065048" "5301146" "5365478" "5465060" "5473562" "5576644" "5691089" "5706237" "5732037" "5828597").PN. OR ("6026011").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/03 19:05 |
| S16 | 91 | latch with node with pre\$1charg\$3 with maintain\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 11:11 |
| S17 | 641 | latch same (pre\$1charg\$3 same evaluat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:21 |
| S18 | 365 | latch same (pre\$1charg\$3 same evaluat\$3) same node | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:22 |
| S19 | 16 | latch same (pre\$1charg\$3 same evaluat\$3) same node (soft\$error\$1 or (soft adj error) or ((ion or ioniz\$5) adj radiat\$3) or neutron or alpha\$1partic\$3 or (alpha adj partic\$3) or electro\$1magnetic of glitch\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:24 |

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| S20 | 474 | latch (pre\$1charg\$3) (evaluat\$3) node (soft\$1error\$1 or (soft adj error) or ((ion or ioniz\$5) adj radiat\$3) or neutron or alpha\$1partic\$3 or (alpha adj partic\$3) or electro\$1magnetic or glitch\$3 or charg\$4event or (charg\$3 adj event) or perturb\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:30 |
| S21 | 474 | latch (pre\$1charg\$3) (evaluat\$3) node (soft\$1error\$1 or (soft adj error) or ((ion or ioniz\$5) adj radiat\$3) or neutron or alpha\$1partic\$3 or (alpha adj partic\$3) or electro\$1magnetic or glitch\$3 or charg\$4event or (charg\$3 adj event) or perturb\$3 or (cosmic adj ray)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:31 |
| S22 | 696 | (pre\$1charg\$3) (evaluat\$3) node (soft\$1error\$1 or (soft adj error) or ((ion or ioniz\$5) adj radiat\$3) or neutron or alpha\$1partic\$3 or (alpha adj partic\$3) or electro\$1magnetic or glitch\$3 or charg\$4event or (charg\$3 adj event) or perturb\$3 or (cosmic adj ray)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:31 |
| S23 | 1053 | (pre\$1charg\$3) (evaluat\$3) (soft\$1error\$1 or (soft adj error) or ((ion or ioniz\$5) adj radiat\$3) or neutron or alpha\$1partic\$3 or (alpha adj partic\$3) or electro\$1magnetic or glitch\$3 or charg\$4event or (charg\$3 adj event) or perturb\$3 or (cosmic adj ray)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:31 |
| S24 | 5281 | ((327/199,200,208,210,211,215,219) or (365/154)). OOLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/04 13:34 |

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|-----|------|---|---|-----|----|---------------------|
| S25 | 33 | S23 S24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:34 |
| S26 | 1415 | ((clock\$3 or tim\$3) with pre\$1charg\$3) same ((clock\$3 or tim\$3) with evaluat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:53 |
| S27 | 211 | S26 (soft\$1error\$1 or (soft adj error) or ((ion or ioniz\$5) adj radiat\$3) or neutron or alpha\$1partic\$3 or (alpha adj partic\$3) or electro\$1magnetic or glitch\$3 or charg\$4event or (charg\$3 adj event) or perturb\$3 or (cosmic adj ray)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:53 |
| S28 | 21 | S24 S26 (soft\$1error\$1 or (soft adj error) or ((ion or ioniz\$5) adj radiat\$3) or neutron or alpha\$1partic\$3 or (alpha adj partic\$3) or electro\$1magnetic or glitch\$3 or charg\$4event or (charg\$3 adj event) or perturb\$3 or (cosmic adj ray)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/04 13:54 |
| S29 | 15 | ("5661675" "5764089" "5774005" "5825224" "6118304").PN. OR ("6265923").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/04 14:01 |
| S30 | 11 | ("4631420" "5898330" "5949266" "6222404" "6265923" "RE35847").PN. OR ("6424195").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/04 14:03 |
| S31 | 87 | (in\$11 in\$1h) (clk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 13:12 |

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| S32 | 15 | ("in_l" "in_h") (clk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 13:31 |
| S33 | 3 | ("in_l" "in_h") (clk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 13:32 |
| S34 | 17042 | (l) (h) (clk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 13:36 |
| S35 | 469 | (l) (h) ((clk) with pre\$1charg\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 13:36 |
| S36 | 378 | (l) (h) ((clk) with pre\$1charg\$3) (latch\$3 or cross \$1coupl\$3 or (cross adj coupl\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 13:37 |

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| S37 | 9453 | ((g11c11/412) or (g11c11/41) or (g11c5/00)).IPCR. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/05 14:03 |
| S38 | 4 | S35 S37 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 14:03 |
| S39 | 24 | glitch\$3 S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 14:04 |
| S40 | 38 | ((soft adj error) or glitch\$3) S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 14:16 |
| S41 | 15 | ((soft adj error)) S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 14:16 |

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|-----|------|---|---|-----|----|---------------------|
| S42 | 7211 | hard\$5 with latch | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 14:21 |
| S43 | 5 | S35 S42 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 14:21 |
| S44 | 19 | "4910713" "5309047" "5377150" "5491667" "5508644" "5526314" "5546026" "5648935" "5650971").PN. OR ("6201418").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 14:37 |
| S45 | 5 | "4910713" "4973864" "5377143" "5854562" "6201418").PN. OR ("6480036").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 14:59 |
| S46 | 7 | "4631420" "5898330" "5949266" "Re35847"). PN. OR ("6288932").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 15:03 |
| S47 | 1 | (10/034808).APP. | USPAT; USOCR | AND | ON | 2008/07/05 15:19 |
| S48 | 10 | "4638463" "4852060" "4912675" "51111429" "5504703" "6058041" "6275080").PN. OR ("6608512").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 15:19 |
| S49 | 42 | "4130892" "4344154" "4590508" "4725981" "4809226" "4914629" "4956814" "4995000" "5018102" "5040146" "5046044" "5132771" "5194749" "5301146" "5404326").PN. OR ("5504703").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 15:33 |
| S50 | 27 | "4314359" "4532609" "4545036" "4550390" "4725981" "4782467" "4797804").PN. OR ("4852060").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 15:35 |

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|-----|-----|--|---------------------------|-----|----|---------------------|
| S51 | 26 | ("4852060" "4899066" "4914629" "4945066" "4956814" "5453708" "5638009" "5764089" "5828234" "5841300" "5852373" "5867036" "5892372" "5896046").PN. OR ("6046606").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 15:45 |
| S52 | 23 | ("20020036528" "20020140481" "5036217" "5384493" "5453708" "5557225" "5764089" "5917355" "5990717" "6064246" "6069495" "6097323" "6181180" "6242952" "6265923" "6271701" "6424195" "6429711" "6433601" "6437624" "6459316").PN. OR ("6937079").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 15:48 |
| S53 | 10 | ("5764089" "5898330" "5900759").PN. OR ("6181180").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 15:54 |
| S54 | 34 | ("4506436" "5018102" "5048023" "5053848" "5065048" "5095355" "5208657" "5220192" "5301146" "5311070" "5338963" "5363328" "5365478" "5377140" "5384731" "5432463" "5434818" "5465060" "5473562" "5473574" "5541528" "5547888" "5576644" "5631863" "5661411" "5677866" "5691089" "5706237" "5732037" "5764564" "5828597" "5973541" "6057184").PN. OR ("6330182").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 16:14 |
| S55 | 923 | ((single adj event adj upset) or SEU) latch | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 16:35 |
| S56 | 4 | ((single adj event adj upset) or SEU) latch (pre \$1charg\$3 with maintain\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 16:36 |
| S57 | 1 | ((single adj event adj upset) or SEU) latch (pre \$1charg\$3) (evaluat\$3 with maintain\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 16:37 |
| S58 | 0 | (critical near charge) latch (pre\$1charg\$3) (evaluat\$3 with maintain\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 16:37 |
| S59 | 7 | (critical near charge) latch (pre\$1charg\$3) (evaluat\$3) (maintain\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 16:37 |
| S60 | 11 | (critical near charge) (pre\$1charg\$3) (evaluat\$3) (maintain\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/05 16:39 |

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| S61 | 475 | (327/218).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/05 17:49 |
| S62 | 27 | S61 (seu or (charge near critical) or (soft adj error) or radiation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 17:50 |
| S63 | 23 | ((("20070268054") or ("4845675") or ("4910713") or ("4914629") or ("4956814") or ("5111429") or ("5504703") or ("5526314") or ("6026011") or ("6046606") or ("6201418") or ("6278308") or ("6480036") or ("6646487") or ("6826090") or ("6891418") or ("6922083") or ("6937079") or ("6972601") or ("7027345") or ("7046567") or ("7057421") or ("7161404"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/05 18:18 |
| S64 | 7 | S63 (gate width) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/05 18:19 |
| S65 | 2 | ((("6400186") or ("6222404"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/05 18:29 |
| S66 | 32 | (dynamic adj (latch\$3 or flip\$1flop or (flip adj flop))) (upset\$5 or disturb\$4 or perturb\$4 or event) (evaluat\$3) (pre\$1charg\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/07/07 08:03 |

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|-----|----|--|---------------------------|-----|-----|---------------------|
| S67 | 21 | ("4760559" "4811302" "4926382" "4947376" "5015891" "5231318" "5339273" "5343428" "5426381" "5566128" "5610543" "5841706" "6049492" "6104653" "6147514" "6188641" "6265903" "6282135" "6556482" "6590428" "6753720").PN. OR ("7046567").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/07 10:29 |
| S68 | 31 | ("4697112" "5355391" "5465060" "5526314" "5726942" "5854562").PN. OR ("6147514").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/07 10:41 |
| S69 | 3 | ((("20070132496") or ("6573773") or ("7023235")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/09 12:19 |
| S70 | 16 | ("20040022005" "5418473" "6111780" "6275080" "6417710" "6492857" "6504410" "6504411" "6637005" "6657472" "6696873" "6756809" "6794901").PN. OR ("7023235").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 12:41 |
| S71 | 24 | ("20020017924" "20020175713" "4189785" "4782467" "4805148" "5175605" "5220192" "5311070" "5406513" "5631863" "5644266" "6058041" "6094068" "6127864" "6278287" "6326809" "6327176" "6356101" "6433983" "6504410" "6753694" "6794908" "7023235" "7161404").PN. OR ("7236001").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 12:47 |
| S72 | 18 | (seu or upset\$5 or disturb\$4 or perturb\$4 or (event adj upset)) (node with maintain\$3 with pre \$1determin\$3) (node with chang\$3) latch | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 15:30 |
| S73 | 40 | ("3893070" "3905023" "4339657" "4669092" "4756005" "5043990" "5276690" "5291496" "5313625" "5321705" "5426746" "5455536" "5504859" "5528637" "5553232" "5572662" "5737369" "5859551" "5870446" "5914903" "6067256" "6114880" "6173423" "6222660" "6523201" "6693985" "6741110" "6772388" "6799292" "6834367" "6907553" "6944468" "6958627" "6977910" "7010074" "7046056" "7085993" "7096137" "7116744" "7142623").PN. OR ("7260001").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 16:05 |

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|-----|-------|---|---------------------------|-----|----|---------------------|
| S74 | 5 | pre\$1out\$2 clk | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 16:53 |
| S75 | 5 | ("4910713" "5355340" "5963060" "5963485" "5986917").PN. OR ("6367025").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 16:55 |
| S76 | 1 | pre\$1out adj (h or l) clk | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 16:56 |
| S77 | 17 | ("4843264" "4973864" "5132574" "5729159" "5796273").PN. OR ("5963060").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 16:58 |
| S78 | 1 | (pre\$1out adj (h or l) clk | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:04 |
| S79 | 1 | (pre\$1out adj (h or l or node)) clk | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:05 |
| S80 | 4 | (pre\$1out\$3 adj (h or l or node)) clk | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:06 |
| S81 | 14 | (pre\$1out\$3 adj (h or l or node)) (clk or clock) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:07 |
| S82 | 22766 | (out\$3 adj (h or l or node)) (clk or clock) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:13 |
| S83 | 308 | (seu or upset\$5 or disturb\$4 or perturb\$4 or (event adj upset)) (node with maintain\$3) (node with chang\$3) latch | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:13 |
| S84 | 1175 | (seu or upset\$5 or disturb\$4 or perturb\$4 or (event adj upset)) (node with maintain\$3) (node with chang\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:13 |
| S85 | 167 | S82 S84 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:13 |
| S86 | 95 | S82 S83 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:13 |
| S87 | 31 | (seu or upset\$5 or disturb\$4 or perturb\$4 or (event adj upset)) (node with maintain\$3) (node with chang\$3) (pre\$1chang\$3) (evaluat\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/07/09 17:14 |

7/10/2008 1:54:55 PM

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